

1077-05-2210 **William B Jamieson*** (jamieson@goldmail.etsu.edu). *Random Set Systems*.

Random graphs have been studied since Erdős and Rényi in 1959. We propose a new discrete random model, the random set system, where subsets of $[n]$ are chosen with probability p . Many properties of random graphs have been thoroughly characterized. We attempt to characterize similar properties for the random set system model. (Received September 21, 2011)